

1648

PATENT Docket No. 226272003310

CERTIFICATE OF MAILING BY "FIRST CLASS MAIL"

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on June 10, 2004

Martina Placid

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of:

Edward M. ATKINSON et al.

Serial No.: 10/016,767

Filing Date: October 30, 2001

For: METHODS FOR GENERATING HIGH

TITER HELPER-FREE

PREPARATIONS OF RELEASED RECOMBINANT AAV VECTORS

Examiner: M. Hill

Group Art Unit: 1648

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97 AND § 1.98

MS Amendment Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. § 1.97 and § 1.98, Applicants submit for consideration in the above-identified application the documents listed on the attached Form PTO-1449. This protocol conforms with 37 C.F.R. §1.98(d) and M.P.E.P. 609(A)(2). The Examiner is requested to make these documents of record in the application.

Applicants bring to the attention of the Examiner documents numbered 1 through 8 on the attached PTO Form-1449 which copies are not being submitted herewith. These documents are co-pending related applications and read as follows:

- Application Serial No. 09/561,190 filed April 27, 2000 by D. H. Lockert et al.
- Application Serial No. 09/578,561 filed May 25, 2000 by S. Rasty et al.
- Application Serial No. 09/684,554 filed October 6, 2000 by J. F.
 Engelhardt et al.
- Application Serial No. 09/689,136 filed October 12, 2000 J. F.
 Engelhardt
- Application Serial No. 09/807,802 filed November 29, 2001 by J. M. Wilson et al.
- Application Serial No. 10/089,394 filed March 29, 2002 by H. Chen et al.
- Application Serial No. 10/169,544 filed May 30, 2002 by G. Guangping
- Application Serial No. 10/615,119 filed July 7, 2003 by C.M. Carmel et al.

This Supplemental Information Disclosure Statement is submitted:

	Within	n three months of the application filing date or before mailing of a first
	Office	Action on the merits; accordingly, no fee or separate requirements are
	requir	ed.
\boxtimes	After	receipt of a first Office Action on the merits but before mailing of a final
	Office	Action or Notice of Allowance.
		A fee is required. A check in the amount of is enclosed.
	\boxtimes	A fee is required. Accordingly, a Fee Transmittal form (PTO/SB/17) is
		attached to this submission in duplicate.
		A Certification under 37 C.F.R. § 1.97(e) is provided below; accordingly;
		no fee is believed to be due.
	After	mailing of a final Office Action or Notice of Allowance, but before payment
	of the	issue fee.
		A Certification under 37 C.F.R. § 1.97(e) is provided below and a check in
		the amount of is enclosed.
		A Certification under 37 C.F.R. § 1.97(e) is provided below and a Fee
		Transmittal form (PTO/SB/17 is attached to this submission in duplicate.

Applicants would appreciate the Examiner initialing and returning the Form PTO-1449, indicating that the information has been considered and made of record herein.

The information contained in this Supplemental Information Disclosure Statement under 37 C.F.R. § 1.97 is not to be construed as a representation that: (i) a complete search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the above information constitutes prior art to the subject invention.

In the unlikely event that the transmittal letter is separated from this document and the Patent Office determines that an extension and/or other relief is required, Applicants petition for any required relief including extensions of time and authorize the Commissioner to charge the

cost of such petitions and/or other fees due in connection with the filing of this document to **Deposit Account No. 03-1952** referencing 226272003310. However, the Commissioner is not authorized to charge the cost of the issue fee to the Deposit Account.

Dated: June 10, 2004

Respectfully submitted,

Registration No. 52,395

Morrison & Foerster LLP 755 Page Mill Road

Palo Alto, California 94304-1018

Telephone: (650) 813-5922 Facsimile: (650) 494-0792

PTO/SB/17 (10-03) Approved for use through 7/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Papapage That it is a valid OMB control number.

Complete if Known TRANSMITTAL 10/016,767 **Application Number** October 30, 2001 for FY 2004 Filing Date Edward M. ATKINSON First Named Inventor Effective 10/01/2003, Patent fees are subject to annual revision. **Examiner Name** M. Hill 1648 Applicant claims small entity status. See 37 CFR 1.27 Art Unit Attorney Docket No. 226272003310 TOTAL AMOUNT OF PAYMENT 180.00 FEE CALCULATION (continued) METHOD OF PAYMENT (check all that apply) Money 3. ADDITIONAL FEES Check Other None χ Deposit Account: Large Entity Small Entity Deposit 03-1952 Fee Fee Fee Account Fee Description Code (\$) Code Fee Paid Number Deposit 130 2051 Surcharge - late filing fee or oath 1051 65 Morrison & Foerster LLP Account Surcharge - late provisional filing fee or cover Name 25 1052 50 2052 The Director is authorized to: (check all that apply) sheet. X | Charge fee(s) indicated below X Credit any overpayments 1053 130 1053 130 Non-English specification 1812 2,520 1812 2,520 For filing a request for ex parte reexamination Charge any additional fee(s) or any underpayment of fee(s) Х Requesting publication of SIR prior to 1804 9201 1804 920* **Examiner action** Charge fee(s) indicated below, except for the filing fee Requesting publication of SIR after to the above-identified deposit account. 1805 1,840 1805 1,840 Examiner action Extension for reply within first month. **FEE CALCULATION** 2251 55 1251 110 1252 420 2252 Extension for reply within second month 1. BASIC FILING FEE Small Entity 950 2253 Extension for reply within third month Large Entity 1253 Fee Fee Fee Fee Description Fee Fee Paid 1254 1,480 2254 740 Extension for reply within fourth month Code (\$) Code (\$) 2,010 1,005 Extension for reply within fifth month Utility filing fee 2255 1001 770 2001 385 1255 2401 1002 340 2002 170 Design filing fee 1401 330 165 Notice of Appeal 1003 530 2003 265 Plant filing fee 1402 330 2402 165 Filing a brief in support of an appeal 2403 Request for oral hearing 1004 770 2004 385 Reissue filing fee 1403 290 145 Provisional filing fee 1451 Petition to institute a public use proceeding 1005 160 2005 1451 1,510 Petition to revive - unavoidable 110 2452 55 1452 SUBTOTAL (1) (\$) 0.00 1453 1,330 2453 665 Petition to revive - unintentional 1501 1,330 2501 665 Utility issue fee (or reissue) 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE 1502 480 2502 240 Design issue fee Fee Paid Claims 5 4 1 below Total Claims 92 0.00 1503 640 2503 Plant issue fee -92** = 0 18.00 320 Independent 130 1460 Petitions to the Commissioner 1460 130 0.00 1807 50 1807 50 Processing fee under 37 CFR 1.17(q) 0.00 290.00 Multiple Dependent 180,00 Submission of Information Disclosure Stmt 1806 180 1806 180 Large Entity Small Entity Recording each patent assignment per Fee Fee Fee 8021 40 8021 40 Fee Description Code (\$) Code (\$) property (times number of properties) Filing a submission after final rejection 2202 Claims in excess of 20 1202 18 9 1809 770 2809 (37 CFR 1.129(a)) 1201 86 2201 43 Independent claims in excess of 3 For each additional invention to be 1810 770 2810 385 145 Multiple dependent claim, if not paid 1203 290 2203 examined (37CFR 1.129(b)) Request for Continued Examination (RCE) ** Reissue independent claims 1204 86 2204 1801 770 2801 385 over original patent Request for expedited examination 1802 900 1802 1205 18 2205 ** Reissue claims in excess of 20 of a design application and over original patent Other fee (specify) 180.00 SUBTOTAL (2) (\$) SUBTOTAL (3) (\$) *Reduced by Basic Filing Fee Paid **or number previously paid, if greater; For Reissues, see above SUBMITTED BY (Complete (if applicable)) Registration No. 52,395 Jie Zhou Telephone (650) 813-5922 Name (Print/Type) (Attorney/Agent) June 10, 2004 Signature Date

Form PTO-1449
NFORMATION DISCLOSURE CITATION AN APPLICATION
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Docket Number 226272003310	Application Number 10/016,767
Applicant	
Edward I	M. ATKINSON et al.
Filing Date October 30, 2001	Group Art Unit 1648
Mailing Date June 10, 2004	

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U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
	1.	04/27/2000	09/561,190	Lockert et al.			
	2.	05/25/2000	09/578,561	Rasty et al.			
***************************************	3.	10/06/2000	09/684,554	Engelhardt et al.			
	4.	10/12/2000	09/689,136	Engelhardt			
	5.	11/29/2001	09/807,802	Wilson et al.			
	6.	03/29/2002	10/089,394	Chen et al.			
_	7.	05/30/2002	10/169,544	Guangping			-
	8.	07/07/2003	10/615,119	Carmel et al.			
	9.	01/03/2002	2002/0001581	Lynch et al.			
	10.	07/11/2002	2002/0090717	Gao et al.			
	11.	09/19/2002	2002/0131956	Walsh et al.			
	12.	11/07/2002	2002/0164783	Feldhaus			
	13.	06/26/2003	2003/0119191	Gao et al.			
	14.	05/01/2003	2003/0082145	Johnson			
	15.	09/18/2003	2003/0175974	Allen		·	
	16.	08/18/1992	5,139,941	Muzyczka et al.			
· · · · · ·	17.	12/24/1996	5,587,308	Carter et al.			
-	18.	07/29/1997	5,652,224	Wilson et al.			
	19.	05/26/1998	5,756,283	Wilson et al.			
	20.	01/05/1999	5,856,152	Wilson et al.			
	21.	02/16/1999	5,871,982	Wilson et al.			
	22.	02/16/1999	5,872,154	Wilson et al.			
	23.	12/14/1999	6,001,557	Wilson et al.			
	24.	11/07/2000	6,143,548	O'Riordan et al.			
	25.	01/16/2001	6,174,527	Wilson et al.			
	26.	02/06/2001	6,183,993	Boyce et al.			

EXAMINER:	
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DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

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Form PTO-1449

INFORMATION DISCLOSURE CONTROLL IN AN APPLICATION

(Use several sheets if necessary)

Docket Number 226272003310

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Applicant

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	27.	02/27/2001	6,194,191	Zhang et al.		
	28.	03/20/2001	6,203,975	Wilson et al.		
	29.	04/03/2001	6,211,160	Wilson et al.		
	30.	06/26/2001	6,251,957	Wilson et al.		
	31.	07/10/2001	6,258,595	Gao et al.		
	32.	07/17/2001	6,261,551	Wilson et al.		
	33.	08/07/2001	6,270,996	Wilson et al.		
	34.	08/14/2001	6,274,354	Wilson et al.		
	35.	08/28/2001	6,281,009	Boyce		
	36.	08/28/2001	6,281,010	Gao et al.		
	37.	01/15/2002	6,338,953	Boyce et al.		
	38.	02/12/2002	6,346,415	Feldaus		*
	39.	04/02/2002	6,365,394	Gao et al.		
	40.	08/20/2002	6,436,392	Engelhardt et al.		
	41.	11/05/2002	6,475,769	Wilson et al.		
	42.	11/12/2002	6,479,273	Bogedain et al.		
	43.	11/19/2002	6,482,634	Wilson et al.		
	44.	03/25/2003	6,537,540	Burstein et al.		
	45.	04/01/2003	6,541,258	Allen et al.		
Ī	46.	04/15/2003	6,548,286	Samuski et al.		
	47.	05/20/2003	6,566,118	Atkinson et al.		
	48.	07/22/2003	6,596,535	Carter		
	49.	08/26/2003	6,610,290	Podsakoff et al.		
	50.	08/26/2003	6,610,321	Huang et al.		
	51.	10/14/2003	6,632,670	Wadsworth et al.		
	52.	11/04/2003	6,642,051	Lynch et al.		
	53.	12/09/2003	6,660,514	Zolotukhin et al.		i e

FOREIGN PATENT DOCUMENTS

Examiner	Ref.	Date	Document No.	Country	Class	Subclass	Translation
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Mailing Date June 10, 2004

Initials	No.				YES	NO
	54.	12/09/1993	WO 93/24641 ·	WIPO		
	55.	12/21/1995	WO 95/34670 ·	WIPO		
	56.	05/09/1996	WO 96/13597	WIPO		
	57.	05/19/1996	WO 96/13598	WIPO		
	58.	08/29/1996	WO 96/26285 -	WIPO		
	59.	08/29/1996	WO 96/26286 ·	WIPO		
	60.	12/12/1996	WO 96/39530	WIPO		:
	61.	03/12/1998	WO 98/09656 ·	WIPO		
	62.	03/12/1998	WO 98/10086 -	WIPO		
	63.	03/12/1998	WO 98/10088 -	WIPO		
	64.	03/19/1998	WO 98/11243 🗼	WIPO		
	65.	03/25/1999	WO 99/14351 🔰	WIPO		
	66.	04/01/1999	WO 99/15677 ◆	WIPO	*	
	67.	04/01/1999	WO 99/15685 I	WIPO		
	68.	04/29/1999	WO 99/20773 I	WIPO		
	69.	04/29/1999	WO 99/20779	WIPO		
	70.	09/23/1999	WO 99/47691 1	WIPO		
	71.	11/25/1999	WO 99/60146 1	WIPO		
.	72.	05/18/2000	WO 00/28061	WIPO		
	73.	09/21/2000	WO 00/55342	WIPO		
	74.	12/07/2000	WO 00/73480	WIPO		
	75.	12/14/2000	WO 00/75353 🐧	WIPO		
	76.	12/14/2000	WO 00/75365 1	WIPO		
- .	77.	12/21/2000	WO 00/77233 N	WIPO		
	78.	04/05/2001	WO 01/23597 '	WIPO		
	79.	04/05/2001	WO 01/23001 >	WIPO		
-	80.	04/12/2001	WO 01/25462 \	WIPO		
	81.	04/12/2001	WO 01/25465 \	WIPO		
· · ·	82.	06/07/2001	WO 01/40455	WIPO		
	83.	06/21/2001	WO 01/44280	WIPO		

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PTO/SB/08 (2-92) Sheet 4 of 4

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INFORMATION DISCLOS FRACTION IN AN APPLICATION

(Use several sheets if necessary)

Docket Number 226272003310	Application Number 10/016,767
Applicant	
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		OTHER DOCUMENTS	(including author, title, Date, Pertinent Pages, Etc.)
Examiner Initials	Ref. No.	Title	
	84.	Bantel-Schaal, U. (1991). "Infection With Adeno-Associal Sensitivity Of Mammalian Cells To Stress," Virology 182	

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INFORMATION DISCLOSURE CHATION IN AN APPLICATION

(Use several sheets if necessary)

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JUN 1 4 2004 33

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INFORMATION DISCLOSURATION IN AN APPLICATION

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	53.	12/09/2003	6,660,514	Zolotukhin et al.	
					

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JUN 1 4 2004 3

Form PTO-1449

INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(Use several sheets if necessary)

Docket Number 226272003310	Application Number 10/016,767		
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	59.	08/29/1996	WO 96/26286	WIPO			
	60.	12/12/1996	WO 96/39530	WIPO			
	61.	03/12/1998	WO 98/09656	WIPO			
·····	62.	03/12/1998	WO 98/10086	WIPO			
	63.	03/12/1998	WO 98/10088	WIPO			
<u></u>	64.	03/19/1998	WO 98/11243	WIPO			
	65.	03/25/1999	WO 99/14351	WIPO			
	66.	04/01/1999	WO 99/15677	WIPO	,		
41	67.	04/01/1999	WO 99/15685	WIPO			
	68.	04/29/1999	WO 99/20773	WIPO			
	69.	04/29/1999	WO 99/20779	WIPO			
• • • • • • • • • • • • • • • • • • • •	70.	09/23/1999	WO 99/47691	WIPO			
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1.4	72.	05/18/2000	WO 00/28061	WIPO			
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	74.	12/07/2000	WO 00/73480	WIPO			
	75.	12/14/2000	WO 00/75353	WIPO			
-	76.	12/14/2000	WO 00/75365	WIPO			
	77.	12/21/2000	WO 00/77233	WIPO			
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-	82.	06/07/2001	WO 01/40455	WIPO			
	83.	06/21/2001	WO 01/44280	WIPO			

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JUN 1 4 2004 (3)

Form PTO-1449

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OTHER DOCUMENTS

(including author, title, Date, Pertinent Pages, Etc.)

		OTTEN BOOMIET (Inclining times, time, time
Examiner	Ref.	Title
Initials	No.	
	84.	Bantel-Schaal, U. (1991). "Infection With Adeno-Associated Parvovirus Leads To Increased Sensitivity Of Mammalian Cells To Stress," <i>Virology</i> 182(1):260-268

EXAMINER:

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